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United States Patent and Trademark
Scientific and Technical Information Center
Biotechnology Systems Branch

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DATE: 04/07/2005Total Number of Pages Faxed: 6

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RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 09/856.864
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,864

DATE: 04/07/2005

TIME: 11:07:24

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1 <110> APPLICANT: CELLTECH THERAPEUTICS LIMITED
2 <120> TITLE OF INVENTION: RECOMBINANT FUSION PROTEINS
3 <130> FILE REFERENCE: P023523WO
4 <140> CURRENT APPLICATION NUMBER: US/09/856,864
5 <141> CURRENT FILING DATE: 2001-09-28
6 <150> PRIOR APPLICATION NUMBER: GB9826112.6
7 <151> PRIOR FILING DATE: 1998-11-27
8 <160> NUMBER OF SEQ ID NOS: 14
9 <170> SOFTWARE: PatentIn Ver. 2.1
11 <210> SEQ ID NO: 1
12 <211> LENGTH: 4
13 <212> TYPE: PRT
14 <213> ORGANISM: Artificial Sequence
15 <220> FEATURE:
16 <223> OTHER INFORMATION: Description of Artificial Sequence: cleavage site
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18 Asp Lys Thr His
19 1
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22 <211> LENGTH: 4
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RAW SEQUENCE LISTING

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55 <220> FEATURE:
56 <223> OTHER INFORMATION: Description of Artificial Sequence: plasmid DNA
57 <400> SEQUENCE: 5
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59     tactagcgat tataaagatg atgatgataa atgatgagga tccaagcttg cggccgcg 118
61 <210> SEQ ID NO: 6
62 <211> LENGTH: 119
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Artificial Sequence: plasmid DNA
67 <400> SEQUENCE: 6
68     aattcgcggc cgcaagcttg gactctcacc atttatcacc atcatcttta taatcgctag 60
69     tactgccttc gatggtatgg gttttatccg gacacggcgg gcaggtcagc acctgcaga 119
71 <210> SEQ ID NO: 7
72 <211> LENGTH: 16
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Description of Artificial Sequence: C-terminus of
77     Fab' 40.4 hinge delta inter' heavy chain
78 <400> SEQUENCE: 7
79     Glu Pro Lys Thr Ser Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala
80     1             5             10             15
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83 <211> LENGTH: 33
84 <212> TYPE: PRT
85 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence: C terminus of
88     'Fab 40.4 hinge 1 delta inter Null 2 FLAG' heavy
89     chain
90 <400> SEQUENCE: 8
91     Glu Pro Lys Thr Ser Leu Gln Val Leu Thr Cys Pro Pro Cys Asp Lys
92     1             5             10             15
93     Thr His Thr Ile Glu Gly Ser Thr Ser Asp Tyr Lys Asp Asp Asp Asp
94     20             25             30
95     Lys
97 <210> SEQ ID NO: 9
98 <211> LENGTH: 11
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:

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PATENT APPLICATION: US/09/856,864

DATE: 04/07/2005

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Input Set : N:\DA\US09856864.raw

Output Set : N:\CRF4\04062005\I856864.raw

102 <223> OTHER INFORMATION: Description of Artificial Sequence: Null 2 peptide
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104 <222> LOCATION: (1)
105 <223> OTHER INFORMATION: ACETYLATION;
W--> 106 <221> MOD_RES
107 <222> LOCATION: (11)
108 <223> OTHER INFORMATION: AMIDATION
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110 Val Glu Pro Lys Thr Ser Leu Gln Val Leu Thr
111 1 5 10
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115 <212> TYPE: PRT
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135 peptide
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137 <222> LOCATION: (1)
138 <223> OTHER INFORMATION: ACETYLATION
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140 <222> LOCATION: (8)
141 <223> OTHER INFORMATION: Hyl
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143 Val Glu Leu Lys Thr Ser Asp Lys
144 1 5
146 <210> SEQ ID NO: 12
147 <211> LENGTH: 6
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence: N terminal
152 sequence of cleaved FLAG tail
153 <400> SEQUENCE: 12

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,864

DATE: 04/07/2005

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Input Set : N:\DA\US09856864.raw

Output Set: N:\CRF4\04062005\I856864.raw

154 Thr His Thr Ile Glu Gly
155 1 5
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158 <211> LENGTH: 17
159 <212> TYPE: PRT
160 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: FLAG tail
163 cleavage product of Null 2 Flag peptide
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165 Thr His Thr Ile Glu Gly Ser Thr Ser Asp Tyr Lys Asp Asp Asp Asp
166 1 5 10 15
167 Lys
169 <210> SEQ ID NO: 14
170 <211> LENGTH: 4
171 <212> TYPE: PRT
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173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Null site of
175 Null 2 FLAG
176 <400> SEQUENCE: 14
177 Leu Gln Val Leu
178 1

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/856,864

DATE: 04/07/2005

TIME: 11:07:25

Input Set : N:\DA\US09856864.raw

Output Set: N:\CRF4\04062005\I856864.raw

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L:106 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:109 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:119 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
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L:139 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:142 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11

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